

> d hist

(FILE 'HOME' ENTERED AT 16:54:39 ON 01 OCT 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:54:47 ON 01 OCT 2003

SEA AGARICUS AND CULTUR? AND YEAST EXTRACT

1 FILE AGRICOLA
2 FILE BIOSIS
7 FILE BIOTECHABS
7 FILE BIOTECHDS
7 FILE CABA
1 FILE CROPU
1 FILE FROSTI
4 FILE FSTA
3 FILE IFIPAT
5 FILE JICST-EPLUS
3 FILE LIFESCI
2 FILE PASCAL
1 FILE PROMT
3 FILE SCISEARCH
71 FILE USPATFULL
2 FILE USPAT2
7 FILE WPIDS
7 FILE WPINDEX

L1 QUE AGARICUS AND CULTUR? AND YEAST EXTRACT

SEA EDIBL? AND L1

2 FILE BIOTECHABS
2 FILE BIOTECHDS
6 FILE CABA
1 FILE FROSTI
4 FILE FSTA
1 FILE IFIPAT
4 FILE JICST-EPLUS
1 FILE LIFESCI
2 FILE PASCAL
1 FILE PROMT
2 FILE SCISEARCH
23 FILE USPATFULL
1 FILE USPAT2
2 FILE WPIDS
2 FILE WPINDEX

L2 QUE EDIBL? AND L1

FILE 'BIOTECHDS, CABA, FROSTI, FSTA, IFIPAT, JICST-EPLUS, LIFESCI, PASCAL, PROMT, SCISEARCH, USPATFULL, USPAT2' ENTERED AT 16:59:19 ON 01 OCT 2003

L3 48 S L2

L4 41 DUP REM L3 (7 DUPLICATES REMOVED)

L5 17 S L4 AND SUCROSE

=>

d 15 1-17

L5 ANSWER 1 OF 17 CABA COPYRIGHT 2003 CABI on STN
AN 2002:158155 CABA
DN 20013153981
TI Selection of liquid medium for **culturing Agaricus blazei**
AU Zhou XuanGuo; Zhou, X. G.
CS Shaanxi Key Laboratory of Resource Biology, Hanzhong Normal College, Hanzhong, Shaanxi 723000, China.
SO Edible Fungi of China, (2001) Vol. 20, No. 2, pp. 32-34. 3 ref.
DT Journal
LA Chinese
SL English

L5 ANSWER 2 OF 17 CABA COPYRIGHT 2003 CABI on STN
AN 1998:170394 CABA
DN 981613369
TI Protoplast isolation and regeneration in **Agaricus bisporus** strain MS 39
AU Gupta, U.; Cheema, G. S.; Sodhi, H. S.; Phutela, R. P.
CS Department of Microbiology, Punjab Agricultural University, Ludhiana 141 004, India.
SO Mushroom Research, (1997) Vol. 6, No. 2, pp. 59-62. 14 ref.
DT Journal
LA English

L5 ANSWER 3 OF 17 FSTA COPYRIGHT 2003 IFIS on STN
AN 1972(04):G0216 FSTA
TI Effect of different carbon compounds on the submerged production of **Agaricus campestris** mycelium.
AU Guha, A. K.; Banerjee, A. B.
CS Dept. of Biochem., Univ., Calcutta 19, India
SO Journal of Food Science and Technology (Mysore), (1971), 8 (2) 82-83, 8 ref.
DT Journal
LA English

L5 ANSWER 4 OF 17 IFIPAT COPYRIGHT 2003 IFI on STN
AN 10261087 IFIPAT;IFIUDB;IFICDB
TI METHOD FOR **CULTURING EDIBLE FUNGUS**
IN Isoda Hiroko (JP); Maekawa Takaaki (JP)
PA Unassigned Or Assigned To Individual (68000)
PI US 2003005488 A1 20030102
AI US 2002-54905 20020125
PRAI JP 2001-18505 20010126
FI US 2003005488 20030102
DT Utility; Patent Application - First Publication
FS CHEMICAL APPLICATION
CLMN 2
GI 1 Figure(s).
FIG. 1 is an apparatus system diagram including a schematic cross sectional illustration showing an example of the bioreactor suitable for practicing the method of the present invention.

L5 ANSWER 5 OF 17 JICST-EPlus COPYRIGHT 2003 JST on STN
AN 1020572850 JICST-EPlus
TI Functional Foodstuff Development by Liquid **Culture** of **Edible Fungi**. (Part 1). Effects of substrates on mycelium and .BETA.-glucan productions in **Agaricus blazei** Murill.
AU MAEKAWA T; INTABON K; SUGIURA N; ISODA H; AKAZAWA U
CS Univ. Tsukuba, Tsukuba, Jpn
SO Nogyo Shisetsu (Journal of the Society of Agricultural Structures, Japan),

(2002) vol. 33, no. 1, pp. 27-33. Journal Code: L0964A (Fig. 3, Tbl. 4, Ref. 17)

ISSN: 0388-8517

CY Japan

DT Journal; Article

LA English

STA New

L5 ANSWER 6 OF 17 USPATFULL on STN

AN 2003:251604 USPATFULL

TI Product of heat treatment of uronic acid, food, drink or drug including the product

IN Koyama, Nobuto, Otsu-shi, JAPAN
Sagawa, Hiroaki, Otsu-shi, JAPAN
Kobayashi, Eiji, Otsu-shi, JAPAN
Enoki, Tatsuji, Otsu-shi, JAPAN
Wu, Hua-Kang, Otsu-shi, JAPAN
Nishiyama, Eiji, Otsu-shi, JAPAN
Deguchi, Suzu, Otsu-shi, JAPAN
Ikai, Katsushige, Otsu-shi, JAPAN
Ohnogi, Hiromu, Otsu-shi, JAPAN
Ueda, Motoko, Otsu-shi, JAPAN
Kondo, Akihiro, Otsu-shi, JAPAN
Kato, Ikunoshin, Otsu-shi, JAPAN

PI US 2003176393 A1 20030918

AI US 2002-259507 A1 20020930 (10)

RLI Division of Ser. No. US 1998-125397, filed on 18 Aug 1998, GRANTED, Pat. No. US 6482806 A 371 of International Ser. No. WO 1997-JP527, filed on 25 Feb 1997, UNKNOWN

PRAI JP 1996-85972 19960315

JP 1996-174411 19960614

JP 1996-233719 19960816

JP 1996-275231 19960927

JP 1996-325900 19961122

DT Utility

FS APPLICATION

LN.CNT 2476

INCL INCLM: 514/054.000

INCLS: 514/056.000; 514/023.000

NCL NCLM: 514/054.000

NCLS: 514/056.000; 514/023.000

IC [7]

ICM: A61K031-727

ICS: A61K031-728; A61K031-737; A61K031-732; A61K031-734; A61K031-7012

L5 ANSWER 7 OF 17 USPATFULL on STN

AN 2003:152340 USPATFULL

TI Hyaluronidase activity and allergenic cell activity inhibitor

IN Maekawa, Takaaki, Inashiki-gun, JAPAN
Isoda, Hiroko, Tsukuba-shi, JAPAN

PI US 2003104006 A1 20030605

AI US 2002-239747 A1 20020926 (10)

WO 2001-JP2236 20010321

PRAI JP 2000-136283 20000509

DT Utility

FS APPLICATION

LN.CNT 426

INCL INCLM: 424/195.150

INCLS: 435/254.100

NCL NCLM: 424/195.150

NCLS: 435/254.100

IC [7]

ICM: A61K035-84

ICS: C12N001-16

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 17 USPATFULL on STN
AN 2003:64304 USPATFULL
TI Novel immune enhancing compositions
IN Matsunaga, Kenichi, Saitama, JAPAN
PI US 2003044424 A1 20030306
AI US 2002-169779 A1 20020703 (10)
WO 2000-JP9383 20001228
PRAI JP 2000-374 20000105
DT Utility
FS APPLICATION
LN.CNT 1216
INCL INCLM: 424/195.150
NCL NCLM: 424/195.150
IC [7]
ICM: A61K035-84

L5 ANSWER 9 OF 17 USPATFULL on STN
AN 2002:303982 USPATFULL
TI Product of heat treatment of uronic acid, food, drink, or drug including the product
IN Koyama, Nobuto, Otsu, JAPAN
Sagawa, Hiroaki, Otsu, JAPAN
Kobayashi, Eiji, Otsu, JAPAN
Enoki, Tatsuji, Otsu, JAPAN
Wu, Hua-Kang, Otsu, JAPAN
Nishiyama, Eiji, Otsu, JAPAN
Deguchi, Suzu, Otsu, JAPAN
Ikai, Katsushige, Otsu, JAPAN
Ohnogi, Hiromu, Otsu, JAPAN
Ueda, Motoko, Otsu, JAPAN
Kondo, Akihiro, Otsu, JAPAN
Kato, Ikunoshin, Otsu, JAPAN
PA Takara Shuzo Co., Ltd., Kyoto, JAPAN (non-U.S. corporation)
PI US 6482806 B1 20021119
WO 9733593 19970918
AI US 1998-125397 19980818 (9)
WO 1997-JP527 19970225
PRAI JP 1996-85972 19960315
JP 1996-174411 19960614
JP 1996-233719 19960816
JP 1996-275231 19960927
JP 1996-325900 19961122
DT Utility
FS GRANTED
LN.CNT 2308
INCL INCLM: 514/054.000
INCLS: 514/056.000; 514/062.000
NCL NCLM: 514/054.000
NCLS: 514/056.000; 514/062.000
IC [7]
ICM: A61K031-727
ICS: A61K031-728; A61K031-732; A61K031-734; A61K031-715; A61P035-00
EXF 424/440; 514/54; 514/56; 514/62; 514/557; 514/451
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 10 OF 17 USPATFULL on STN
AN 2002:294730 USPATFULL
TI Process for producing, methods and compositions of glucuronoxylomannan as nutraceutical agent from higher basidiomycetes mushroom
IN Wasser, Solomon P., Haifa, ISRAEL
Reshetnikov, Sergey V., Kiev, UKRAINE
PI US 2002164773 A1 20021107

AI US 2002-84544 A1 20020226 (10)
RLI Division of Ser. No. US 1999-419207, filed on 15 Oct 1999, GRANTED, Pat.
No. US 6383799
DT Utility
FS APPLICATION
LN.CNT 745
INCL INCLM: 435/254.100
INCLS: 424/195.150
NCL NCLM: 435/254.100
NCLS: 424/195.150
IC [7]
ICM: C12N001-16
ICS: A61K035-84; A01N065-00; C12N001-14; C12N001-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 11 OF 17 USPATFULL on STN
AN 2002:251210 USPATFULL
TI Process for producing, methods and compositions of glucuronoxylomannan
as nutraceutical agent from higher Basidiomycetes mushroom
IN Wasser, Solomon P., Haifa, ISRAEL
Reshetnikov, Sergey V., Kiev, UKRAINE
PI US 2002137155 A1 20020926
AI US 2002-84517 A1 20020226 (10)
RLI Division of Ser. No. US 1999-419205, filed on 15 Oct 1999, GRANTED, Pat.
No. US 6372462
DT Utility
FS APPLICATION
LN.CNT 951
INCL INCLM: 435/171.000
INCLS: 435/255.210
NCL NCLM: 435/171.000
NCLS: 435/255.210
IC [7]
ICM: C12P001-02
ICS: C12N001-14; C12N001-16; C12N001-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 12 OF 17 USPATFULL on STN
AN 2002:102311 USPATFULL
TI Process for producing, methods and compositions of glucuronoxylomannan
as nutraceutical agent from higher basidiomycetes mushroom
IN Wasser, Solomon P., Haifa, ISRAEL
Reshetnikov, Sergey V., Kiev, UKRAINE
PA MedMyco Ltd., Haifa, ISRAEL (non-U.S. corporation)
PI US 6383799 B1 20020507
AI US 1999-419207 19991015 (9)
DT Utility
FS GRANTED
LN.CNT 656
INCL INCLM: 435/254.100
INCLS: 047/001.100
NCL NCLM: 435/254.100
NCLS: 047/001.100
IC [7]
ICM: C12N001-14
ICS: C12N001-16; C12N001-18
EXF 047/1; 071/5; 426/7; 800/297; 260/112.5; 424/115; 424/116; 424/123;
435/254.1; 435/244
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 17 USPATFULL on STN
AN 2001:139155 USPATFULL
TI PROCESS FOR PRODUCING, METHODS AND COMPOSITIONS OF CHOLESTEROL LOWERING
AGENTS FROM HIGHER BASIDIOMYCETES MUSHROOMS

IN WASSER, SOLOMON P., HAIFA, Israel
RESHETNIKOV, SERGEY V., KIEV, Ukraine
PI US 2001016197 A1 20010823
US 6372462 B2 20020416
AI US 1999-419205 A1 19991015 (9)
DT Utility
FS APPLICATION
LN.CNT 962
INCL INCLM: 424/195.150
NCL NCLM: 435/171.000
NCLS: 424/195.150; 435/254.100; 435/256.800
IC [7]
ICM: A61K035-84

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 14 OF 17 USPATFULL on STN
AN 2001:36460 USPATFULL
TI Process for obtaining a dehydrated food composition containing live
probiotic lactic acid bacteria
IN Meister, Niklaus, Grosshoechstetten, Switzerland
Sutter, Andreas, Le Mont-S/Lausanne, Switzerland
Vikas, Martin, Konolfingen, Switzerland
PA Nestec S.A., Vevey, Switzerland (non-U.S. corporation)
PI US 6200609 B1 20010313
WO 9810666 19980319
AI US 1999-242639 19990222 (9)
WO 1997-EP4922 19970903
19990222 PCT 371 date
19990222 PCT 102(e) date
PRAI EP 1996-202517 19961009
DT Utility
FS Granted
LN.CNT 480
INCL INCLM: 426/061.000
INCLS: 042/471.000; 042/491.000
NCL NCLM: 426/061.000
NCLS: 426/491.000
IC [7]
ICM: A23C001-04
EXF 426/471; 426/580; 426/61; 426/42; 426/52; 426/588; 426/317; 426/330.2;
426/334; 426/455; 426/456; 426/490; 426/491; 435/177

L5 ANSWER 15 OF 17 USPATFULL on STN
AN 2000:1568 USPATFULL
TI Spray-drying process
IN Meister, Niklaus, Grosshoechstetten, Switzerland
Aebischer, Jurg, Liebefeld, Switzerland
Vikas, Martin, Konolfingen, Switzerland
Eyer, Kurt, Thun, Switzerland
De Pasquale, David, Konoflingen, Switzerland
PA Nestec S.A., Vevey, Switzerland (non-U.S. corporation)
PI US 6010725 20000104
AI US 1997-877801 19970618 (8)
PRAI EP 1996-201922 19960709
EP 1996-202518 19960910
DT Utility
FS Granted
LN.CNT 675
INCL INCLM: 426/061.000
INCLS: 426/471.000
NCL NCLM: 426/061.000
NCLS: 426/471.000
IC [6]
ICM: A23C001-04

ICS: A23L003-46; A23L003-3463
EXF 426/61; 426/531; 426/389; 426/402; 426/403; 426/407; 426/443; 426/465;
426/471

L5 ANSWER 16 OF 17 USPATFULL on STN
AN 91:17297 USPATFULL
TI Novel interspecific mushroom strains
IN Dahlberg, Kurt R., Napoleon, OH, United States
PA Campbell Soup Company, Camden, NJ, United States (U.S. corporation)
PI US 4996390 19910226
AI US 1989-298727 19890119 (7)
DT Utility
FS Granted
LN.CNT 721
INCL INCLM: 800/220.000
INCLS: 047/001.100; 047/058.000; 800/DIG.008
NCL NCLM: 800/297.000
NCLS: 047/001.100
IC [5]
ICM: A01H015-00
EXF 800/1; 800/220; 800/230; 800/DIG.8; 047/1.1; 047/58; Plt/89

L5 ANSWER 17 OF 17 USPATFULL on STN
AN 81:40931 USPATFULL
TI Process for producing lipids having a high linoleic acid content
IN Suzuki, Osamu, Yatabe, Japan
Jigami, Yoshifumi, Yatabe, Japan
Nakasato, Satoshi, Yatabe, Japan
Hashimoto, Tetsutaro, Yatabe, Japan
PA The Agency of Industrial Science and Technology, Tokyo, Japan (non-U.S.
government)
PI US 4281064 19810728
AI US 1979-107869 19791228 (6)
PRAI JP 1979-18228 19790219
DT Utility
FS Granted
LN.CNT 323
INCL INCLM: 435/134.000
INCLS: 435/136.000; 435/171.000; 435/252.000; 435/254.000
NCL NCLM: 435/134.000
NCLS: 435/136.000; 435/171.000; 435/252.000; 435/254.100; 435/256.800
IC [3]
ICM: C12P007-64
EXF 435/135; 435/134; 435/171; 435/252; 435/254; 435/136
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

OCT 2003

L3 48 S L2
L4 41 DUP REM L3 (7 DUPLICATES REMOVED)
L5 17 S L4 AND SUCROSE

=> s l5 and maltose

L6 2 L5 AND MALTOSE

=> d l6 1-2

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN
AN 1972(04):G0216 FSTA
TI Effect of different carbon compounds on the submerged production of
Agaricus campestris mycelium.
AU Guha, A. K.; Banerjee, A. B.
CS Dept. of Biochem., Univ., Calcutta 19, India
SO Journal of Food Science and Technology (Mysore), (1971), 8 (2) 82-83, 8
ref.
DT Journal
LA English

L6 ANSWER 2 OF 2 IFIPAT COPYRIGHT 2003 IFI on STN
AN 10261087 IFIPAT;IFIUDB;IFICDB
TI METHOD FOR **CULTURING EDIBLE FUNGUS**
IN Isoda Hiroko (JP); Maekawa Takaaki (JP)
PA Unassigned Or Assigned To Individual (68000)
PI US 2003005488 A1 20030102
AI US 2002-54905 20020125
PRAI JP 2001-18505 20010126
FI US 2003005488 20030102
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION

CLMN 2

GI 1 Figure(s).

FIG. 1 is an apparatus system diagram including a schematic cross sectional illustration showing an example of the bioreactor suitable for practicing the method of the present invention.

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16 1-2

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN
AN 1972(04):G0216 FSTA
TI Effect of different carbon compounds on the submerged production of
Agaricus campestris mycelium.
AU Guha, A. K.; Banerjee, A. B.
CS Dept. of Biochem., Univ., Calcutta 19, India
SO Journal of Food Science and Technology (Mysore), (1971), 8 (2) 82-83, 8
ref.
DT Journal
LA English

L6 ANSWER 2 OF 2 IFIPAT COPYRIGHT 2003 IFI on STN
AN 10261087 IFIPAT;IFIUDB;IFICDB
TI METHOD FOR **CULTURING EDIBLE FUNGUS**
IN Isoda Hiroko (JP); Maekawa Takaaki (JP)
PA Unassigned Or Assigned To Individual (68000)
PI US 2003005488 A1 20030102
AI US 2002-54905 20020125
PRAI JP 2001-18505 20010126
FI US 2003005488 20030102
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION

CLMN 2

GI 1 Figure(s).

FIG. 1 is an apparatus system diagram including a schematic cross sectional illustration showing an example of the bioreactor suitable for practicing the method of the present invention.

=> d 16 1 ab

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN
AB A. campestris was grown in a medium containing/l.: carbon source, 20 g; NaNO.sub.3, 10 g; KCl, 0.5 g; MgSO.sub.4.7 H.sub.2O, 0.5 g; KH.sub.2PO.sub.4, 1.0 g; FeSO.sub.4.7 H.sub.2O, trace; **yeast extract** 2 g. After incubation at 30.degree.C for 7 days on a rotary shaker (120 cycles/min), mannitol and glucose produced the heaviest wt. of mycelium/l. (3.8 and 3.4 g respectively) followed by xylose (3.2 g), fructose (2.6 g), **maltose** (2.4 g), lactose (1.9 g), glycerol and arabinose (1.8 g) and **sucrose** (1.4 g). Galactose, rhamnose, raffinose, sodium acetate and sodium citrate produced little or no growth. Protein yields (as mg/l. of medium) decreased in the order: mannitol (1178), glucose (970), xylose (864), glycerol (837), fructose (728), **maltose** (662), arabinose (557), lactose (523), **sucrose** (336). The variable nutritional requirements of different strains of A. campestris are discussed. [See also FSTA (1970) 2 12G427].

=> d 16 1

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN
AN 1972(04):G0216 FSTA
TI Effect of different carbon compounds on the submerged production of
Agaricus campestris mycelium.
AU Guha, A. K.; Banerjee, A. B.
CS Dept. of Biochem., Univ., Calcutta 19, India
SO Journal of Food Science and Technology (Mysore), (1971), 8 (2) 82-83, 8
ref.
DT Journal
LA English

=> d 16 1 ab

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN

AB A. campestris was grown in a medium containing/l.: carbon source, 20 g; NaNO.sub.3, 10 g; KCl, 0.5 g; MgSO.sub.4.7 H.sub.2O, 0.5 g; KH.sub.2PO.sub.4, 1.0 g; FeSO.sub.4.7 H.sub.2O, trace; **yeast extract** 2 g. After incubation at 30.degree.C for 7 days on a rotary shaker (120 cycles/min), mannitol and glucose produced the heaviest wt. of mycelium/l. (3.8 and 3.4 g respectively) followed by xylose (3.2 g), fructose (2.6 g), **maltose** (2.4 g), lactose (1.9 g), glycerol and arabinose (1.8 g) and **sucrose** (1.4 g). Galactose, rhamnose, raffinose, sodium acetate and sodium citrate produced little or no growth. Protein yields (as mg/l. of medium) decreased in the order: mannitol (1178), glucose (970), xylose (864), glycerol (837), fructose (728), **maltose** (662), arabinose (557), lactose (523), **sucrose** (336). The variable nutritional requirements of different strains of A. campestris are discussed. [See also FSTA (1970) 2 12G427].

=>

> d 16 1

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN
AN 1972(04):G0216 FSTA
TI Effect of different carbon compounds on the submerged production of
Agaricus campestris mycelium.
AU Guha, A. K.; Banerjee, A. B.
CS Dept. of Biochem., Univ., Calcutta 19, India
SO Journal of Food Science and Technology (Mysore), (1971), 8 (2) 82-83, 8
ref.
DT Journal
LA English

=> d 16 1 ab

L6 ANSWER 1 OF 2 FSTA COPYRIGHT 2003 IFIS on STN
AB A. campestris was grown in a medium containing/l.: carbon source, 20 g;
NaNO.sub.3, 10 g; KCl, 0.5 g; MgSO.sub.4.7 H.sub.2O, 0.5 g;
KH.sub.2PO.sub.4, 1.0 g; FeSO.sub.4.7 H.sub.2O, trace; **yeast**
extract 2 g. After incubation at 30.degree.C for 7 days on a
rotary shaker (120 cycles/min), mannitol and glucose produced the heaviest
wt. of mycelium/l. (3.8 and 3.4 g respectively) followed by xylose (3.2
g), fructose (2.6 g), **maltose** (2.4 g), lactose (1.9 g), glycerol
and arabinose (1.8 g) and **sucrose** (1.4 g). Galactose, rhamnose,
raffinose, sodium acetate and sodium citrate produced little or no growth.
Protein yields (as mg/l. of medium) decreased in the order: mannitol
(1178), glucose (970), xylose (864), glycerol (837), fructose (728),
maltose (662), arabinose (557), lactose (523), **sucrose**
(336). The variable nutritional requirements of different strains of A.
campestris are discussed. [See also FSTA (1970) 2 12G427].

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